





## **Bill of Materials**

## <Parameter Title not found>

 Source Data From:
 KIT PIC16F887.PrjPcb

 Project:
 KIT PIC16F887.PrjPcb

 Variant:
 None

 Creation Date:
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Footprint	Comment	LibRef	Designator	Description	Quantity
PIN3V	PIN 3V	PIN 3V	BT1	Battery 3VDC	1
CP1.5/3.4	100uF/35V	CP3	C1, C2	Cap 100uF/35V - 470uF/16V	2
CN2	104	Ca2	C3, C4, C5	Cap np 104 => 105pF	3
CP1/2	10uF	CP1	C6, C7, C8, C9	Cap P 0,1uF < 22uF , 16 - 50V	4
DSB 9-F	COM 9 FMALE		COM1	COM 9	1
CN1	33pF	Ca	Cx1, Cx2, Cx3, Cx4	Cremic For Xtal 1pF => 100pF	4
CAU 1AC	Diode Brideg	DB	DB1	Convert AC to DC voltage, 4 pin	1
Н	Dpy Blue-CA	Dpy Blue-CA	DS1, DS2, DS3, DS4	14.2 mm General Purpose Blue 7-Segme Display: CA, RH DP, Gray Surface	4
QTO-220N	LM7805	LM78xx	IC1	On ap +, from + 5 to + 24VDC	1
HDR1X5	Header 5	Header 5	ICSP1	Header, 5-Pin	1
IR2	IR1	IR1	IR1	Receiver Infraed IC	1
JACK DC		JACK DC 5MM	J1	TRECEIVET IIIII acu 10	'
5MM	JACK DC SIVINI	JACK DC SIVIIVI	J i		'
USB B	USB B FEMALE	USB B	J2		1
LCD 16x2	LCD 16x2	LCD 16x2	LCD1		1
HDR1X7	Header 7	Header 7	LCD2	Header, 7-Pin	1
LED-3	LED	LED	LED1, LED2, LED3, LED4, LED5, LED6,	LED Single colour Green and Red	9
LIDDAYA	l., , ,		LED7, LED8, LED9		
HDR1X4	Header 4	Header 4	P1, P2	Header, 4-Pin	2
HDR1X8	Header 8	Header 8	P3, P5, Port B1, Port C1, Port D1	Header, 8-Pin	5 1
HDR1X3H	Header 3H	Header 3H	P4	Header, 3-Pin, Right Angle	
HDR1X2	Header 2	Header 2	P6, P7, P8, P9, P10	Header, 2-Pin	5
HDR1X6	Header 6	Header 6	Port A1	Header, 6-Pin	1
HDR1X3	Header 3	Header 3	Port E1	Header, 3-Pin	1
QTO-92	A1015	A1015	Q1, Q2, Q3, Q4	PNP 600mW, ECB	4
QTO-92	C1815	C1815	Q5	NPN 600mW, ECB	1
R1/4W3	330R	R	R1, R2, R7, R8, R9, R10, R11, R12, R13		24
	locort l		R14, R15, R16, R17, R18, R19, R21, R2 R23, R24, R25, R26, R27, R28, R29		2.
R1/4W4	10K	R	R3, R4, R5, R6		Δ
R1/4W3	10K	R	R20		1
R1/4W3	4k7	R	R30, R31, R32		3
SPK	Speaker	SPK	SP1	Speaker Chip	1
		-	-		
SW4B	SW	SW4-1	SW1, SW2, SW3, SW4	Switch button 4 pin	4
BUTTON DIF	-	BUTTON	SW5		1
QTO-92	LM35	LM35	U1	Teminal	1
DIP40	PIC16F887-I/P	PIC16F887-I/P	U2	Flash-Based, 8-Bit CMOS Microcontroller	1
1				with nanoWatt Technology, 8K (x14-Bit	
				words) Program Memory, 624 Bytes Data	
				Memory, 35 I/O pins, 40-Pin PDIP, Stand	
				VDD Range, Industrial Temperature	
İ	MAX232	MAX232	U3		1
DIP16		DS1307	U4	64 X 8 Serial Real-Time Clock	4
	DC1207		10 <del>4</del>	04 A o Seliai Real-Time Clock	1
DIP.100/8/W	DS1307	D3 1307			
DIP.100/8/W 300/L.400					
DIP.100/8/W 300/L.400 VR	10K	VR	VR1, VR2	Var Resistor	2
DIP.100/8/W 300/L.400 VR XT32k			X1	Var Resistor Crystal 32,768kHz for timer real	2
DIP.100/8/W 300/L.400 VR XT32k	10K	VR			2 1 1
DIP16 DIP.100/8/W 300/L.400 VR XT32k CRYSTAL	10K 32,768 Khz	VR XT32k	X1		2 1 1 102